



PTO/SB/08A (07-05)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/603,130
Filing Date	June 24, 2003
First Named Inventor	Eric W. Liimatta
Group Art Unit	1761
Examiner Name	Arthur L. Corbin
Attorney Docket Number	SU-7275

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> <i>(if known)</i>			
AL	US-45	US-2130805	09-20-1938	Levine	
	US-46	US-2392505	01-08-1946	Rogers	
	US-47	US-2398598	04-16-1946	Rogers	
	US-48	US-2795556	06-11-1957	Quinn	
	US-49	US-2868787	01-13-1959	Paterson	
	US-50	US-2920997	01-12-1960	Wolf et al.	
	US-51	US-2971959	02-14-1961	Waugh et al.	
	US-52	US-2971960	02-14-1961	Waugh et al.	
	US-53	US-3121715	02-18-1964	Waugh et al.	
	US-54	US-3147219	09-01-1964	Paterson	
	US-55	US-3147259	09-01-1964	Paterson	
	US-56	US-3152073	10-06-1964	Morton	
	US-57	US-3170883	02-23-1965	Owen et al.	
	US-58	US-3308062	03-07-1967	Gunther	
	US-59	US-3328294	06-27-1967	R.W. Self et al.	
	US-60	US-3345371	10-03-1967	Paterson	
	US-61	US-3589859	06-29-1971	Forouulis	
	US-62	US-3626972	12-14-1971	Lorenzen	
	US-63	US-3711246	01-16-1973	Forouulis	
	US-64	US-3749672	07-31-1973	Golton et al.	
↓	US-65	US-3767586	10-23-1973	Rutkiewic	
AL	US-66	US-3958020	05-18-1976	DeVries et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> - Number <sup>5</sup> - Kind Code <sup>6</sup> <i>(if known)</i>				
AL	FP-11	CA- 1230825	12-29-1987	Bristol-Myers Co.		
	FP-12	CA- 2042430	11-30-1991	Eletech Systems Corp.		
	FP-13	CA- 2163596	09-04-1996	S.C. Johnson & Son, Inc.		
	FP-14	EP- 0106563	04-25-1984	Rohm and Haas		
AL	FP-15	EP- 0177645 A1	04-16-1986	Girard et al.		

Examiner Signature	Arthur L. Corbin	Date Considered	11-8-06
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Attorney Docket Number	SU-7275

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ju	US-67	US-3961086	01-06-1976	Turbak et al.	
	US-68	US-4032460	06-28-1977	Zilch et al.	
	US-69	US-4078099	03-07-1978	Mazzola	
	US-70	US-4119535	10-10-1978	White et al.	
	US-71	US-4126717	11-21-1978	Mazzola	
	US-72	US-4136052	01-23-1979	Mazzola	
	US-73	US-4199001	04-22-1980	Kratz	
	US-74	US-4199602	04-22-1980	Lentsch	
	US-75	US-4237090	12-02-1980	DeMonbrun et al.	
	US-76	US-4242216	12-30-1980	Daugherty et al.	
	US-77	US-4250910	02-17-1981	King	
	US-78	US-4258056	03-24-1981	Lentsch	
	US-79	US-4270565	06-02-1981	King, Sr.	
	US-80	US-4293425	10-06-1981	Price	
	US-81	US-4295932	10-20-1981	Pocius	
	US-82	US-4327151	04-27-1982	Mazzola	
	US-83	US-4331174	05-25-1982	King, Sr.	
	US-84	US-4362753	12-07-1982	Barta	
	US-85	US-4376787	03-15-1983	Lentsch et al.	
	US-86	US-4382799	05-10-1983	Davis et al.	
	US-87	US-4388811	06-21-1983	ZebARTH	
	US-88	US-4420394	12-13-1983	Lewis	
	US-89	US-4427435	01-24-1984	Lorenz et al.	
	US-90	US-4427692	01-24-1984	Girard	
ju	US-91	US-4451376	06-29-1984	Sharp	

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ju	FP-16	EP- 0206725	12-30-1986	Jeyes Group Limited	
	FP-17	EP- 0228593	07-15-1987	Chesebrough-Pond's Inc.	
	FP-18	EP- 0550137 A2	07-07-1993	Greenley et al.	
	FP-19	EP- 0581826	02-09-1994	Jeyes Limited	
ju	FP-20	GB- 1054243	01-04-1967	Wallace Cameron & Co.	

Examiner Signature	ARTHUR L. CORBIN	Date Considered	11-8-06
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AC	US-92	US-4465598	08-14-1984	Darlington et al.	
	US-93	US-4465839	08-14-1984	Schulte et al.	
	US-94	US-4469848	09-04-1984	Hooper et al.	
	US-95	US-4476930	10-16-1984	Wantanabe	
	US-96	US-4490308	12-25-1984	Fong et al.	
	US-97	US-4532330	07-30-1985	Cole	
	US-98	US-4534963	08-13-1985	Gordon	
	US-99	US-4537697	08-27-1985	Girard	
	US-100	US-4539071	09-03-1985	Clifford et al.	
	US-101	US-4546156	10-08-1985	Fong et al.	
	US-102	US-4560766	12-24-1985	Girard et al.	
	US-102	US-4566973	01-28-1986	Masler, III et al.	
	US-104	US-4571333	02-18-1986	Hsiao et al.	
	US-105	US-4595517	06-17-1986	Abadi	
	US-106	US-4595691	06-17-1986	LaMarre et al.	
	US-107	US-4597941	07-01-1986	Bottom et al.	
	US-108	US-4604431	08-05-1986	Fong et al.	
	US-109	US-4617117	10-14-1986	Messinger et al.	
	US-110	US-4621096	11-04-1986	Cole	
	US-111	US-4728442	03-01-1988	Shuttlewood et al.	
	US-112	US-4642194	02-10-1987	Johnson	
	US-113	US-4654424	03-31-1987	Girard et al.	
	US-114	US-4659359	04-21-1987	Lorenz et al.	
↓	US-115	US-4661503	04-28-1987	Martin et al.	
pn	US-116	US-4662387	05-05-1987	King, sr.	

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pn	FP-21	GB- 1600289	10-14-1981	Wilson et al.		
	FP-22	GB- 2267487 A	12-08-1993	Mason		
	FP-23	GB- 2273106	06-08-1994	Jeyes Group PLC		
↓	FP-24	JP- 56158333	12-07-1981	Teijin Ltd.	Pages translated	
pn	FP-25	JP- 7299468	11-14-1995	Hakuto Co., Ltd	Pages translated	

Examiner Signature

ARTHUR L. CORBIN

Date Considered

11-8-06

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an	US-117	US-4677130	06-30-1987	Puzig	
	US-118	US-4680339	07-14-1987	Fong	
	US-119	US-4680399	07-14-1987	Buchardt	
	US-120	US-4681948	07-21-1987	Worley	
	US-121	US-4692335	09-08-1987	Iwanski	
	US-122	US-4698165	10-06-1987	Theyson	
	US-123	US-4703092	10-27-1987	Fong	
	US-124	US-4711724	12-08-1987	Johnson	
	US-125	US-4713079	12-15-1987	Chun et al.	
	US-126	US-4728453	03-01-1988	Choy	
	US-127	US-4745189	05-17-1988	Lee et al.	
	US-128	US-4752443	06-21-1988	Hoots et al.	
	US-129	US-4759852	07-26-1988	Trulear	
	US-130	US-4762894	08-09-1988	Fong et al.	
	US-131	US-4767542	08-30-1988	Worley	
	US-132	US-4770884	09-13-1988	Hill et al.	
	US-133	US-4777219	10-11-1988	Fong	
	US-134	US-4780197	10-25-1988	Schuman	
	US-135	US-4801388	01-31-1989	Fong et al.	
	US-136	US-4802990	02-07-1989	Inskeep, Jr.	
	US-137	US-4803079	02-07-1989	Hsiao et al.	
	US-138	US-4822512	04-18-1989	Auchincloss	
an	US-139	US-4822513	04-18-1989	Corby	
an	US-140	US-4846979	07-11-1989	Hamilton	

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an	FP-26	WO-8103110	11/12/1981	Barta	
	FP-27	WO- 88/02987	05-05-1988	Great Lakes Chemical Corp.	
	FP-28	WO- 90/15780 A1	12-27-1990	Rakestraw et al.	
	FP-29	WO- 96/28173 A1	09-19-1996	Mullerat et al.	
an	FP-30	WO- 96/30491 A1	10-03-1996	Jeyes Group PLC	
an	FP-31	WO- 97/15652 A1	05-01-1997	Clorox Co.	

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ml	US-141	US-4860554	08-29-1989	Innes et al.	
	US-142	US-4867895	09-19-1989	Choy	
	US-143	US-4883600	11-28-1989	MacDonald et al.	
	US-144	US-4886915	12-12-1989	Favstritsky	
	US-145	US-4898686	02-06-1990	Johnson et al.	
	US-146	US-4906651	03-06-1990	Hsu	
	US-147	US-4919841	04-24-1990	Kamel et al.	
	US-148	US-4923634	05-08-1990	Hoots et al.	
	US-149	US-4925866	05-15-1990	Smith	
	US-150	US-4929424	05-29-1990	Meier et al.	
	US-151	US-4929425	05-29-1990	Hoots et al.	
	US-152	US-4964892	10-23-1990	Hsu	
	US-153	US-4966716	10-30-1990	Favstritsky et al.	
	US-154	US-4992209	02-12-1991	Smyk et al.	
	US-155	US-4995987	02-26-1991	Whitekettle et al.	
	US-156	US-5017369	05-21-1991	Marhevka	
	US-157	US-5034155	07-23-1991	Soeder et al.	
	US-158	US-5035806	07-30-1991	Fong et al.	
	US-159	US-5047164	09-10-1991	Corby	
	US-160	US-5055285	10-08-1991	Duncan et al.	
	US-161	US-5057612	10-15-1991	Worley et al.	
	US-162	US-5076315	12-31-1991	King	
	US-163	US-5089127	02-18-1992	Junker et al.	
ml	US-164	US-5118426	06-02-1992	Duncan et al.	
ml	US-165	US-5120452	06-09-1992	Ness et al.	

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ml	FP-32	WO- 97/20546 A1	06-12-1997	Petri et al.		
ml	FP-33	WO- 97/20909 A1	6-12-1997	Petri et al.		
ml	FP-34	WO- 97/34827 A1	09-25-1997	Dallmier et al.		

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MK	FP-35	WO- 97/43264 A1	11-20-1997	Great Lakes Chemical	

Examiner Signature	Arthur L. Green	Date Considered	11-8-06
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Complete If Known

Application Number	10/603,130
Filing Date	June 24, 2003
First Named Inventor	Eric W. Liimatta
Art Unit	1761
Examiner Name	Arthur L. Corbin

Attorney Docket Number

SU-7275

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	L-127	CABA Copyright 2002 CABI Abstract of Bukh, K., "Use of Chlorine in Experiments on Controlling Swine Dysentery", Dansk Veterinaertidsskrift, (1988), vol 71, no. 24, pp. 1278-1286.	
	L-128	CAPLUS Abstract of Heir, et al., "The Staphylococcus qacH gene product: a new member of the SMR family encoding multidrug resistance", FEMS Microbiol. Lett. (1998), 163(1), ppg 49-56. Accession No. 1998:343309 CAPLUS	
	L-129	CAPLUS Abstract of Sanderson et al., "Case Reports: epidemic eye and upper respiratory irritation in poultry processing plants", Appl. Occup Environ. Hyg, 1995, 10(1), 43-9. Accession No. 1995:439186 CAPLUS	
	L-130	Frosti Abstract of Bocharov D.A., "Disinfection of Poultry Processing Plant Objects", Proceedings of the 22 <sup>nd</sup> European meeting of Meat Research Workers, Malmo, August- September, I (C6), 4 pp., 1976. Accession No. 78674 Frosti	
	L-131	Frosti Abstract of Lemaitre et al., "Plasmid-mediated resistance to antimicrobial agents among listeriae", Journal of Food Protection, 1998, November, 61 (11), ppg 1459-1464. Accession No. 483547 Frosti	
	L-132	Frosti Abstract of Marriot, N.G., "Meat and poultry sanitation", Essentials of Food Sanitation, published by Chapman & Hall, London, 1997, 188-210. Accession No. 441637 Frosti	
	L-133	Frosti Abstract of Mullerat et al., "Efficacy of Salmide, a sodium chlorite-based oxy-halogen disinfectant, to inactivate bacterial pathogens and extend shelf-life of broiler carcasses", Journal of Food Protection, 1994, 57(7), 596-603. Accession No. 353342 Frosti	
	L-134	Frosti Abstract of Sheldon, B.W., "New and novel chemical and biological approaches for inhibiting pathogens and spoilage microorganisms associated with muscle food systems", Turkeys, 1996, 44(2), 9-12. Accession No. 410383 Frosti	
	L-135	Frosti Abstract of Smith, G., "Poultry industry looks to chlorine dioxide for pathogen control", Meat Processing, 1996, 35(10), 47. Accession No. 429057 Frosti	
	L-136	Frosti Abstract of Sundheim, G., et al., "Resistance of meat associated staphylococci to a quaternary ammonium compound", Food Microbiology, 1992, 9(2), 161-7. Accession No. 291734 Frosti	
	L-137	Frosti Abstract of "Foodborne Pathogen Control", Poultry International, 1994, (July), 62, author unknown. Accession No. 359896 Frosti	
	L-138	HCAPLUS Abstract of JP 07171576 A2 issued 1995.	
	L-139	HCAPLUS Abstract of JP 07277912 A2 issued 1995.	
	L-140	HCAPLUS Abstract of JP 08027119 A2 issued 1996.	
	L-141	HCAPLUS Abstract of JP 08239699 A2 issued 1996.	
✓	L-142	HCAPLUS Abstract of JP 09087684 A2 issued 1997.	
✓	L-143	HCAPLUS Abstract of JP 09227317 A2 issued 1997.	

Examiner Signature

Arthur L. Corbin

Date Considered

11-8-C6

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/603,130
				Filing Date	June 24, 2003
				First Named Inventor	Eric W. Liimatta
				Art Unit	1761
				Examiner Name	Arthur L. Corbin
Sheet	8	of	8	Attorney Docket Number	SU-7275

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AK	L-144	Al Zahrani, S.M., "Utilization of Polyethylene and Paraffin Waxes as Controlled Delivery Systems for Different Fertilizers", Ind. Eng. Chem. Res., 2000, vol 39, pp 369-371.	
	L-145	Ault et al., "Infrared and Raman Spectra of the M+Cl <sub>3</sub> ion Pairs and Their Chlorine-bromine Counterparts isolated in Argon Matrices", Journal of Chemical Physics, 1976, Vol. 64, No. 12, ppg. 4853-4859.	
	L-146	Author unknown, "Big Brother Brominator - Brominators", Bulky Systems Website, < <a href="http://www.bulksystemsinc.com/brominator.html">http://www.bulksystemsinc.com/brominator.html</a> > , (Visited August 10, 2001). 1 page.	
	L-147	Author unknown, "Bio Lab Brominator", Conely Company Website, < <a href="http://www.conelyco.com/Pool-Spa/parts/biobrom.htm">http://www.conelyco.com/Pool-Spa/parts/biobrom.htm</a> > (Visited August 10, 2001), 2 pages.	
	L-148	Carpentier et al., "Biofilms and their consequences, with particular reference to hygiene in the food industry", Journal of Applied Bacteriology, 1993, Vol. 75, ppg 499-511.	
	L-149	Chowhan et al., "Hardness Increase Induced by Partial Moisture Loss in Compressed Tablets and Its Effect on In Vitro Dissolution", J. Pharm. Sciences, October 1978, Vol. 67, No. 10, ppg. 1385-1389.	
	L-150	Corral et al., "Substitution in the Hydantoin Ring. III. Halogenation", J. Org. Chem., 1963, Vol. 28, ppg. 1100-1104.	
	L-151	Discount Pool & Spa Supplies, Automatic Chlorinators and Chemical Feeders Website, < <a href="http://www.discountpoolsupplies.com/Chemfeeders">http://www.discountpoolsupplies.com/Chemfeeders</a> > Visited August 10, 2001, 3 pages.	
	L-152	Gottardi: Reaction of Cl Br - In Aqueous solution (76 Zeutralks. Bakteriol., Parasiteukd, ) In Fektionskr. Hyg., Abt. 1; Orig., Geihe B 162 (3-4), ppg 384-388.	
	L-153	Hayward America's #1 Pool Water Systems Product Catalog, "Automatic Chemical Feeders" "Chlorinators (Slow Dissolve Tri-Chlor Only) and Brominators, Hayward Pool Products Inc. Website, < <a href="http://www.haywardnet.com/products/catalog/displayProdInfo.cfm?itemID=61">http://www.haywardnet.com/products/catalog/displayProdInfo.cfm?itemID=61</a> >, 2 pages.	
	L-154	Hayward America's #1 Pool Water Systems Product Catalog, "Automatic Chemical Feeders" "Chlorinators (Slow Dissolve Tri-Chlor Only) and Brominators, Buyers Guide, Hayward Pool Products Inc., Website, < <a href="http://www.haywardnet.com/products/catalog/displayProdInfo.cfm?itemID=60">http://www.haywardnet.com/products/catalog/displayProdInfo.cfm?itemID=60</a> >, 2 pg	
JM	L-155	Hayward Pool Products Owner's Guide, Installation and Operating Instructions, "Hayward Chemical Feeder", Models C250CF, C500CF, C1100CF, C1800CF, C2400CF, - 1998 - 4 pages	
JM	L-156	Jolles, "General Methods of Bromination", Bromine and its Compounds, 1966, Ernest Benn, London, ppg. 365.	

Examiner Signature	ARTHUR L. SPERIN	Date Considered	11-8-06
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Application Number	10/603,130
Filing Date	June 24, 2003
First Named Inventor	Eric W. Liimatta
Group Art Unit	1761
Examiner Name	Arthur L. Corbin
Attorney Docket Number	SU-7275

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JM	US-169	US-2184888	12-26-1939	Muskat et al.	
	US-170	US-2580808	01-01-1952	Marks et al.	
	US-171	US-2913460	11-17-1959	Brown et al.	
	US-172	US-2929816	03-22-1960	Chamberlain	
	US-173	US-3147254	09-01-1964	Paterson	
	US-174	US-3222276	12-07-1965	Belohlav et al.	
	US-175	US-4770198	09-13-1988	Bergman	
	US-176	US-5173190	12-22-1992	Picek	
	US-177	US-5179173	01-12-1993	Fong et al.	
	US-178	US-5192459	03-09-1993	Tell et al.	
	US-179	US-5194238	03-16-1993	Duncan et al.	
	US-180	US-5196126	03-23-1993	O'Dowd	
	US-181	US-5202047	04-13-1993	Corby	
	US-182	US-5208057	05-04-1993	Greenley et al.	
	US-183	US-5218983	06-15-1993	King	
	US-184	US-5259985	11-09-1993	Nakanishi et al.	
	US-185	US-5264229	11-23-1993	Mannig et al.	
	US-186	US-5286479	02-15-1994	Garlich et al.	
↓	US-187	US-5320829	06-14-1994	Garlich et al.	
JM	US-188	US-5338461	08-16-1994	Jones	

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JM	FP-36	CN- 1432279	07-30-2003	China Nat. Petroleum Corp.	Abstract Only	
JM	FP-37	EP- 1080641 A2	03-07-2001	Nalco Chemical Co.		
JM	FP-38	GB- 644	09-22-1910	Peter		

Examiner Signature	ARTHUR L. CORBIN	Date Considered	11-8-06
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## Complete if Known

Application Number	10/603,130
Filing Date	June 24, 2003
First Named Inventor	Eric W. Liimatta
Group Art Unit	1761
Examiner Name	Arthur L. Corbin
Attorney Docket Number	SU-7275

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AC	US-189	US-5339889	08-23-1994	Bigham	
	US-190	US-5384102	01-24-1995	Ferguson et al.	
	US-191	US-5389384	02-14-1995	Jooste	
	US-192	US-5389390	02-14-1995	Kross	
	US-193	US-5403813	04-04-1995	Lichti et al.	
	US-194	US-5407598	04-18-1995	Olson et al.	
	US-195	US-5409711	04-25-1995	Mapelli et al.	
	US-196	US-5414652	05-09-1995	Mieda et al.	
	US-197	US-5422126	06-06-1995	Howarth et al.	
	US-198	US-5424032	06-13-1995	Christensen et al.	
	US-199	US-5443849	08-22-1995	Corby	
	US-200	US-5460833	10-24-1995	Andrews et al.	
AC	US-201	US-5476116	12-19-1995	Price et al.	

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AC	FP-39	GB- 1358617	07-03-1974	Alsace Mines Potasse		
	FP-40	RU- 277157	07-22-1970	Scientific Research		
	FP-41	WO- 93/04987 A1	03-18-1993	Monsanto Co.		
	FP-42	WO- 96/14092 A1	05-17-1996	W.R. Grace & Co.		
	FP-43	WO- 9630562 A1	10-03-1996	Electrocatalytic, Inc.		
	FP-44	WO- 97/33567 A1	09-18-1997	Tri Link Unlimited Ltd.		
	FP-45	WO- 97/43215 A1	11-20-1997	Bio Lab, Inc.		
	FP-46	WO- 97/43392	11-20-1997	Henry et al.		
	FP-47	WO- 98/04143	02-05-1998	Strickland et al.		
AC	FP-48	WO- 98/15609	04-16-1998	Sirianni		

Examiner Signature	ARTHUR L. CORBIN	Date Considered	11-8-06
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✓	US-202	US-5484615	01-16-1996	Kounev	
✓	US-203	US-5490983	02-13-1996	Worley et al.	
✓	US-204	US-5490992	02-13-1996	Andrews et al.	
✓	US-205	US-5525241	06-11-1996	Clavin et al.	
✓	US-206	US-5527547	06-18-1996	Hight et al.	
✓	US-207	US-5565109	10-15-1996	Sweeny	
✓	US-208	US-5565576	10-15-1996	Hall et al.	
✓	US-209	US-5578559	11-26-1996	Dolan et al.	
✓	US-210	US-5589106	12-31-1996	Shim et al.	
✓	US-211	US-5591692	01-07-1997	Jones et al.	
✓	US-212	US-5603941	02-18-1997	Farina et al.	
✓	US-213	US-5607619	03-04-1997	Dadgar et al.	
✓	US-214	US-5610126	03-11-1997	Barford et al.	
✓	US-215	US-5614528	03-25-1997	Jones et al.	
✓	US-216	US-5622708	04-22-1997	Richter et al.	
✓	US-217	US-5641520	06-24-1997	Howarth et al.	
✓	US-218	US-5641530	06-24-1997	Chen	
✓	US-219	US-5662940	09-02-1997	Hight et al.	
✓	US-220	US-5670451	09-23-1997	Jones et al.	

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✓	FP-49	WO- 99/06320 A1	02-11-1999	Dalimier et al.		
✓	FP-50	WO- 99/32596 A1	07-01-1999	Rees et al.		
✓	FP-51	WO- 99/55627 A1	11-04-1999	Yang et al.		
✓	FP-52	WO- 00/34186 A1	06-15-2000	Rakestraw		
✓	FP-53	WO- 01/35745 A1	05-25-2001	Albermarle Corporation		

Examiner Signature	ARTHUR L. CORBIN	Date Considered	11-8-06
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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AN	US-221	US-5670646	09-23-1997	Worley et al.	
	US-222	US-5679239	10-21-1997	Blum et al.	
	US-223	US-5750061	05-12-1998	Farina et al.	
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	US-225	US-5756440	05-26-1998	Watanabe et al.	
	US-226	US-5763376	06-09-1998	Ward et al.	
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	US-231	US-5830511	11-03-1998	Mullerat et al.	
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	US-233	US-5889130	03-30-1999	Worley et al.	
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AN	US-240	US-5942126	08-24-1999	Dallmier et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
AN	FP-54	WO-01/52656 A2	07-26-2001	Albemarle Corporation		
	FP-55	WO-01/52827 A1	07-26-2001	McKenzie et al.		
AN	FP-56	WO-01/53209 A2	07-26-2001	Albemarle Corporation		
AN	FP-57	WO-01/53215 A1	07-26-2001	Albemarle Corporation		

Examiner Signature	ARTHUR L. CORBIN	Date Considered	11-27-06
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Filing Date	June 24, 2003
First Named Inventor	Eric W. Liimatta
Group Art Unit	1761
Examiner Name	Arthur L. Corbin

Attorney Docket Number

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ar	US-241	US-5942153	08-24-1999	Heydel	
	US-242	US-5958853	09-28-1999	Watanabe	
	US-243	US-5972864	10-26-1999	Counts	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
ar	FP-58	WO- 02/062141 A1	08-15-2002	Albemarle Corporation		
ar	FP-59	WO- 03/011033 A1	02-13-2003	Solution Biosciences, Inc.		

Examiner Signature	ARTHUR L. CORBIN	Date Considered	11-8-06
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Group Art Unit	1761
Examiner Name	Arthur L. Corbin

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<i>ar</i>	US-265	US-6352725 B1	03-05-2002	Torres et al.	
	US-266	US-6379633 B1	04-30-2002	Garlick	
	US-267	US-6379685 B1	04-30-2002	Richter	
	US-268	US-6397622 B1	06-04-2002	Miller et al.	
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	US-271	US-6565868 B1	05-20-2003	Howarth et al.	
	US-272	US-6605253 B1	08-12-2003	Perkins	
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Examiner Signature

*Arthur L. Corbin*

Date Considered

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**NON PATENT LITERATURE DOCUMENTS**

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sw	L-157	Affidavit of Shunong Yang, William F. McCoy and Anthony W. Dallmier Under 37 C.F.R. §1.13; presumably made public on Sept. 11, 2001, 13-pages. This Affidavit is contained in the File Wrapper of US Application No. 09/518,435 now US 6,287,473, issued Sept. 11, 2001.	
	L-158	Beihoffer, Jon et al., "Identification and Determination of the Isomeric Bromo-and/or Chloro-Substituted 1,3-Dihalo-5,5-Dimethylhydantoins Used in Disinfectants and Molluscicides", Journal of AOAC International, Vol 79, No. 4, 1996, pgs 823-828.	
	L-159	Bromicide Microbiocide, A Safer Approach to Water Management, Great Lakes Chemical Corporation Brochure, 1993, 3 pgs	
	L-160	Büchner, W., et al., Industrial Inorganic Chemistry, p. 180 (1989)	
	L-161	Chemical Engineers Handbook, John H. Perry editor, Fourth Edition, McGraw-Hill Book Company, 1963, pgs 8-59 - 8-64	
	L-162	Cotton, F.A., et al., Advanced Inorganic Chemistry, Sixth Edition, p. 566 (1999)	
	L-163	Frost, A.A., et al., Kinetics and Mechanism: A Study of Homogeneous Chemical Reactions, p. 23 (1953)	
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sw	L-173	Mora et al., "Properties of a New Chloramine Disinfectant and Detoxicant", Poultry Science, 1982, vol 61, ppg 1968-1971.	
Examiner Signature	ARTHUR L. CORBIN		Date Considered 11-8-06

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M	L-174	Nalepa, C.J., "25 Years of Bromine Chemistry in Industrial Water Systems: A Review", paper 04087 (NACE International 2004), 30 pages.	
	L-175	Orazi et al., "Halogenacion con 3-Bromo-5,5-Dimetil-Hidantoina", Anales Assoc. Quim. Argentina, 1949, Vol. 37, ppg. 192-196. (Not translated)	
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	L-181	Sani-King-Spa Feeder Product Brochure Model 740 from King Technology Website, < <a href="http://www.kingtechnology.com/spafeeder.htm">http://www.kingtechnology.com/spafeeder.htm</a> > Visited (August 10, 2001), 2000, 4 pages.	
	L-182	Sani-King Perform-Max Pool Sanitizer Instruction Guide, Models 910, 940, & 980 (Inline) and Models 930 & 960 (Off-line), date unknown, 16 pages.	
	L-183	Sani-King Adjust-A-Flo Product Brochure from King Technology Website < <a href="http://www.kingtechnology.com/spafeeder.htm">http://www.kingtechnology.com/spafeeder.htm</a> > (Visited August 10, 2001), 2000, 1 page.	
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✓	L-189	Williams, et al., "Research Note: Combined Halogen Disinfectants in Poultry Processing", Poultry Science, 1990, vol 69, ppg 2248-2251.	
DR	L-190	Worley, et al., "The Stabilities of New N-halamine Water Disinfectants", Wat. Res. Vol. 21(8), ppg 983-988, 1987.	

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